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ASSOCIATES,  
INC.

Geoenvironmental Engineering and Technologies

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November 9, 1990

Mr. Mike Kuntz  
Washington State Department of Ecology  
M/S PV-11  
Olympia, WA 98504-8711

USEPA SF



1454855

RE: **OCTOBER 1990 PROGRESS REPORT  
COLBERT LANDFILL RD/RA**

Dear Mr. Kuntz:

Presented herein is the October 1990 Progress Report for the Colbert Landfill RD/RA Superfund Project (Project), which was prepared by Landau Associates, Inc., Spokane County's engineering consultant. It addresses the reporting requirements specified in Section XI of the Project Consent Decree, including:

- A description of remedial action activities commenced or completed during the reporting period
- Remedial action activities projected for the next reporting period (through November 1990)
- Any problems that have been encountered or are anticipated.

#### 1.0 ACTIVITIES COMMENCED/COMPLETED DURING REPORTING PERIOD

Several activities were commenced and/or completed during the reporting period. Most of these activities are related to construction of Phase I pipelines and treatment sites, and startup of the Phase I pilot studies. Specifically, activities accomplished during this period include:

- Construction of the pipelines and treatment sites was completed.
- The pilot air stripping tower was setup for the South System pilot studies.
- The Phase pilot studies were initiated for the South System on October 25. Pilot extraction well CP-S1 is being pumped at about 100 gallons per minute. Preliminary laboratory results indicate a stripping tower effluent concentration of 9 parts per billion (ppb) for 1,1,1-TCA, and no other Constituents of Concern above the laboratory detection limits.
- A technical memorandum (dated October 25, 1990) describing the results of the October 1, 1990 County/Agency meeting on air quality issues was prepared and submitted to EPA and Ecology.
- Equipment for onsite meteorological data collection was ordered.

#### 2.0 ACTIVITIES PROJECTED TO BE COMMENCED/COMPLETED DURING NEXT REPORTING PERIOD

As specified in the Schedule for Submittal of Deliverables, the next reporting period extends through November 1990. Anticipated activities for November include continuation of

pilot study activities and initiation of meteorological data collection in conformance with EPA guidance. Specific activities anticipated for the next reporting period include:

- Continue Phase I pilot studies. Ground water extraction for the South System pilot study will be terminated on November 5 and the pilot stripping tower will be relocated to the West/East System treatment site. The West System pilot study will be initiated on about November 13 and ground water extraction terminated by November 27. Because contaminant levels are below the Performance Standards in extraction well CP-W1, it will not be necessary to obtain effluent laboratory analysis results prior to startup of the pumping test.
- Complete installation of the onsite meteorological station. The meteorological station will be constructed in accordance with EPA guidance, as described in Landau Associates' October 25, 1990 technical memorandum (by late November).
- Submit the Quality Assurance Plan for meteorological data collection for EPA and Ecology review (by late November).

### 3.0 ENCOUNTERED/ANTICIPATED PROBLEMS

No significant problems were encountered during October, and no problems are anticipated for the next reporting period (through November).

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This progress report describes only the primary remedial action activities commenced or completed during the reporting period, and anticipated to be commenced or completed during the next reporting period. There are secondary and peripheral activities associated with the primary activities that are not described herein. If clarification is required for any of the activities presented in this progress report, or if additional information is desired for secondary or peripheral activities, please contact me or Dean Fowler (Spokane County).

Very truly yours,

LANDAU ASSOCIATES, INC.

By:

  
Lawrence D. Beard, P.E.  
Project Manager

LDB/sg  
No. 124-01.60  
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cc: Neil Thompson, EPA  
Dean Fowler, Spokane County  
Lyle Diedieker, Ecology and Environment